

# The challenge

zotero

See it. Save it. Sort it. Search it. Cite it.

versus

EVERGREEN™

“Cite me? Bite me. Zotero’s really cool, but it only works in Firefox. And it doesn’t work with Evergreen’s dynamic catalogue right now”

<http://forums.zotero.org/discussion/4069/detecting-unapi-in-dynamic-content/>

# The investigation

- The problem assumption was that Zotero doesn't parse the DOM after all the AJAX-y calls populate the `unAPI` element
  - So I could teach Zotero to parse the DOM after a modification element
  - But I don't know the Zotero code base
  - And I do know Evergreen's code base
  - And I do have commit rights to Evergreen, so if I can fix it, everyone would benefit

# The problem

- Dynamic catalogue is built almost entirely by AJAX calls
  - No easy way to inject specific elements of dynamic content
  - But wait! William from Canadiana.org asked if I could use SSI – and yes, we're already using SSI in other limited cases
  - AKA: “duh...”

# The solution (i)

- Use SSI to generate the unAPI link with the dynamic details
  - Faked it out with hard-coded environment variables
  - But still *no joy*

# The solution (ii)

- Compare and contrast the SlimPAC (which works nicely with Zotero) with dynamic catalogue
  - Oh. Dynamic uses a relative link to the unAPI server, SlimPAC uses an absolute link
  - Made dynamic use an absolute link and – success!

*\*Well, success if you like citing the same resource for every search result*

# The commit

- The right fixes have not yet been committed, but figuring out the problem and the paths to a solution are 90% of the effort
  - Might have to wait until we wrap up the Evergreen 1.4 release (due any day now – really!)
  - BTW, unAPI is cool